19990703.qrp v01_n507.qrl.990703

Date: Sat, 3 Jul 1999 19:03:23 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1507

QRP-L Digest 1507

Topics covered in this issue include:

  1) [44162] QRP Drake tr-4
     by Terry Bendell <terryb@bmts.com>
  2) [44163] Re: ARRL DXCC List (November 1998)
     by "Steve Yates, AA5TB" <aa5tb@swbell.net>
  3) [44164] RE: DLN
     by Richard Powell <ripowell@mpna.com>
  4) [44165] RE: general coverage receiver
     by barry kirkwood <bjk@ihug.co.nz>
  5) [44166] Re: [HomeBrew] SL-621 source
     by barry kirkwood <bjk@ihug.co.nz>
  6) [44167] RE: FD 99 -DON'T DO's
     by Richard Powell <ripowell@mpna.com>
  7) [44168] General coverage receivers (not for kids)
     by Jeff Furman <jfurman@ocs.net>
  8) [44169] Storing Transistors
     by James P Rybak <jrybak@mesastate.edu>
  9) [44170] Hot water Handbook
     by "Ian C. Purdie" <purdic@integritynet.com.au>
 10) [44171] moon madness...
     by Mighty Mik <mitymik@hooked.net>
 11) [44172] Re: K2 Order
     by k5zty@juno.com
 12) [44173] Repost: "Searchin..."
     by "Andy GM0NWI" <gm0nwi@tesco.net>
 13) [44174] Re: Moonlight Midnight Madness Mania Watch
     by w4bws@juno.com
 14) [44175] Re: Hot water Handbook
     by w4bws@juno.com
 15) [44176] Re: Storing Transistors
     by "Randy Jouett" <rules@bellsouth.net>
 16) [44177] Flame Inducing Topics
     by "James R. Duffey" <jamesd1@flash.net>
 17) [44178] Re: Suprise Visiter
     by Rick Sealey <rsealey@InfoAve.Net>
 18) [44179] Re: Storing Transistors
     by "Steve Yates, AA5TB" <aa5tb@swbell.net>
 19) [44180] Re: looking for Heathkit "green"

    by Rick Sealey <rsealey@InfoAve.Net>
 20) [44181] New ARRL Book
    by Jeff Davis <jeff@jehosophat.com>
 21) [44182] Re: Storing Transistors
    by "Tom H" <biskit@snip.net>
 22) [44183] Re: How about a general coverage Rcvr.
    by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
 23) [44184] Dream Receiver of the 60s was the HBR
    by Stanley Wilson <microres@crl.com>
 24) [44185] Ft Tuthill QRP Symposium
    by Bob Hightower <ki7mn@extremezone.com>
 25) [44186] Meeting
    by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
 26) [44187] Re: DLN (MB)
    by hamjoel@juno.com
 27) [44188] Re: 30 Meter ant. ideas?
    by Craig LaBarge <wb3gck@yahoo.com>
 28) [44189] Re: [44119] RE: Battleships, rowboats, maritime mobiles and my little
sloop
    by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
 29) [44190] 10 turn pots and other things
    by "Hartwell, Martin E (Marty)" <mhartwell@lucent.com>
 30) [44191] Stealth Antenna
    by Jess Gypin <jessqrp@concentric.net>
 31) [44192] Tricked by propagation in Alaska (a bit long)
    by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
 32) [44193] Re: [GQRP] G-QRP - Hotwater Handbook?
    by George Gingell <k3tks@u1.abs.net>
 33) [44194] 30 Meter portable ant Thanks
    by "Jack Oakland, CA" <w6abc@yahoo.com>
 34) [44195] Re: Ladder Line
    by Goran Hosinsky <hosinsky@jet.es>
 35) [44196] Re: 30 Meter ant. ideas?
    by Niels Jensen Kristjansson <nkristja@cadvision.com>
 36) [44197] Request Info - Ten Tec Model 670 Keyer/ KR-20 Keyer
    by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
 37) [44198] Re: Storing Transistors
    by "Randy Jouett" <rules@bellsouth.net>
 38) [44199] Re: DLN (MB)
    by "Randy Jouett" <rules@bellsouth.net>
 39) [44200] 6th O-QRP-Contest REMINDER
    by Michael <mike_mhe@compuserve.com>
 40) [44201] DLN
    by "Ted Williams" <tedw@btinternet.com>
 41) [44202] HotWater Handbook
    by John Fletcher <johnf@innotts.co.uk>
 42) [44203] K2 shipping status
    by Bruce Grubbs <bog@flagstaff.az.us>

43) [44204] New K2 troubleshooting guide
    by Eric Swartz WA6HHQ - Elecraft <erics@elecraft.com>
44) [44205] Re: TELL me more about ROGERS?
    by Nils R Young <nilsbull@juno.com>
45) [44206] FS: OHR 100A 40 Meter
    by "Jim Johnson" <km7h@gte.net>
46) [44207] "K2 Century 2K" Award
    by "Jeffrey L. L. Greer" <wd4et@juno.com>
47) [44208] Re: DLN
    by "George T. Baker" <w5yr@swbell.net>
48) [44209] Re: Publish it!
    by Chris Trask <ctrask@primenet.com>
49) [44210] Re: TELL me more about ROGERS?
    by KG8L@aol.com
50) [44211] Need Anguilla?
    by "David Hurley,n2zhy" <n2zhy@amsat.org>
51) [44212] Re: Collapsible antenna poles?
    by "Larry Przyborowski" <lprzyski@erols.com>
52) [44213] DK3 for Fixed Station
    by "Andy Fox" <foxes@theriver.com>
53) [44214] Test... don't read
    by "Hugo Catta" <h.catta@worldnet.att.net>
54) [44215] Re: K2 Backlog
    by "Jeffrey L. L. Greer" <wd4et@juno.com>
55) [44216] HB RX example
    by Rod Davis <rdavis@abac.com>
56) [44217] Re: "K2 Century 2K" Award
    by Wayne Burdick <n6kr@elecraft.com>
57) [44218] ZM-2 Questions
    by Ed Lawson <elawson@lr.net>
58) [44219] Re: K2 Backlog
    by Bruce Muscolino <w6toy@erols.com>
59) [44220] Worked "The Tuna Tin" Award
    by "Gary McCaughey" <MAIL4GARY@worldnet.att.net>
60) [44221] Re: Worked "The Tuna Tin" Award
    by James Skalski <jskalski@localnet.com>
61) [44222] IC-706 Current Draw
    by Bob Patten <n4bp@bc.seflin.org>
62) [44223] Re: K2 Backlog
    by Terry Bendell <terryb@bmts.com>
63) [44224] Reminder of the SPARTAN SPRINT ON MONDAY
    by "Russ Carpenter" <russ@natworld.com>
64) [44225] Re: K2 Backlog
    by James Skalski <jskalski@localnet.com>

Date: Sat, 03 Jul 1999 06:55:31 +500

From: Terry Bendell <terryb@bmts.com>
To: <qrp-l@Lehigh.EDU>
Subject: [44162] QRP Drake tr-4
Message-ID: <199907022302.TAA04132@Alice.BMTS.Com>
MIME-Version: 1.0

Just Inherited a "needs work" Drake tr-4 transceiver, after checking it out i discovered that all three 6jb6 outputs are shot, the antenna relay is shot, and it needs a tuneup. So what I have here is a unique chance to take this monster and make it ino a qrp rig!

Out comes the finals
Out comes the B+ to the finals
Couple Driver into the pi-net system,
change antenna relay.

Bingo! A pretty good qrp rig adjustable from 100 milliwatts to about 6 watts cw/am/ssb.

let you guys know how i make out with this

73
Terry

Date: Fri, 2 Jul 1999 18:11:14 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: <w4pj@w4bkx.ampr.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44163] Re: ARRL DXCC List (November 1998)
Message-ID: <00a001bec4e0$2f61a780$ed37a497@aa5tb>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

An up-to-date ARRL DXCC list can be downloaded for free from the ARRL at the following URL:

http://www.arrl.org/awards/dxcc/index.html#list

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
http://home.swbell.net/aa5tb

Date: Fri, 2 Jul 1999 19:19:13 -0400
From: Richard Powell <ripowell@mpna.com>
To: "'gsurrency@juno.com'" <gsurrency@juno.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44164] RE: DLN
Message-ID: <01BEC4BF.C5D4FC60.ripowell@mpna.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'm sorry to have to say this,,,,,
but it is my understanding that division by zero is infinite, except the case where you have zero devided by zero, which is undefined.
73
/rick

On Tuesday, June 29, 1999 2:07 AM, Gary L Surrency [SMTP:gsurrency@juno.com] wrote:
> On Mon, 28 Jun 1999 20:40:29 +0100 Larry Cahoon <wd3p@juno.com> writes:
>
> > Let's see now that is 10 ft, or is it 12ft, divided by zero watts(?) that
> >gives me infinite miles per watts. Guess that gets me a 1,000 miles
> >per watt award if someone thinks it's fair.
>
> Sorry, division by zero is undefined. :-(
>
> 72,
>
> Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)
>
> _____
> Get the Internet just the way you want it.
> Free software, free e-mail, and free Internet access for a month!
> Try Juno Web: http://dl.www.juno.com/dynoget/tagj.

Date: Sat, 3 Jul 1999 11:21:58 +1200
From: barry kirkwood <bjk@ihug.co.nz>
To: qrp-l@Lehigh.EDU
Subject: [44165] RE: general coverage receiver
Message-ID: <199907022321.LAA09320@smtp1.ihug.co.nz>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>To: "Juan Jose Pastor Estornell" <juanjope@ctv.es>
>From: barry kirkwood <bjk@ihug.co.nz>
>Subject: RE: general coverage receiver
>
>At 01:01 AM 02 07 99 +0200, you wrote:
>>> Asunto: general coverage receiver
>>> Fecha: jueves 1 de julio de 1999 5:06
>>>
>>Just a thought:
>>There are some interesting "rx on a chip" around. The one I am familiar with
>>is the ?obsolescent ? Siemens TCA440. I believe there are later
>>Signetics/Philips jobs that may be superior.
>>TCA is a serious radio chip: balanced mixer, sophisticated sinking diode
>>agc. Limitation is that IF line has upper freq. limit around 500kHz. Chip
>>does all active things up to the detector.
>>Thinking out loud: use with 455 if but make upper freq. limit, say 15mHz
>>before images get tooo bad....
>>This assuming trad technology for oscillator coils etc.
>>Could be inexpensive, low parts count.
>>73
>>Baz
>>end
>>Barry (Baz) Kirkwood Ph.D. ZL1DD ex ZL1BN, ZL4OK etc.
>>Signal Hill
>>66 Cory Road
>>Palm Beach
>>Waiheke Island 1240
>>NEW ZEALAND
>>www.waiheke.co.nz/signal.htm
>>Ph/Fax 64-9-372-5161
>>
>> Dear o.m. Baz:
>>
>> The TCA440 chip is a very interesting one, quite easy to find and with good
>>possibilities. It has a couple of problems: upper frequency response (it would
>>require a preamp) and no product detector on chip (it was intended to detect
>>A.M. with an external diode), so you can provide any type of product detector
>>you can get. I thought the IF frequency limit was unbearable for 7 MHz and

>>upper, but I have seen a 20 meter CW transceiver with its RX IF based on
it and
>>running at 10.7 MHz using salvaged CB SSB filters. I can scan it for you
if you
>>are interested (and prepare to get a 100 Kb + mail, hi hi).
>>There is an equivalent device, maybe TDA3162 or so, with same pin-out and able
>>to run at 200 MHz (I do not remember exactly ...), and a similar one TDA1046,
>>but this one has AM detected BF output so you must get the IF signal before
>>internal detection. Hope to be of any help.
>>
>>73, 72 de Juanjo, EC5ACA/QRP. EA-QRP #104, G-QRP #9742, QRP-L #1662.
>>
>>
>>
end
Barry (Baz) Kirkwood PhD ZL1DD ex ZL1BN, ZL4OK etc
Signal Hill
66 Cory Road
Palm Beach
Waiheke Island 1240
NEW ZEALAND
www.waiheke.co.nz/signal.htm
Ph/Fax 64-9-372-5161

Date: Sat, 3 Jul 1999 11:28:29 +1200
From: barry kirkwood <bjk@ihug.co.nz>
To: qrp-l@Lehigh.EDU
Subject: [44166] Re: [HomeBrew] SL-621 source
Message-ID: <199907022328.LAA10533@smtp1.ihug.co.nz>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>To: wireant@altavista.net
>From: barry kirkwood <bjk@ihug.co.nz>
>Subject: Re: [HomeBrew] SL-621 source
>
>At 05:45 PM 02 07 99 -0400, you wrote:
>>Hello again everyone,
>>
>>   I'm sorry I didn't think to ask this in my previous post on this
item, but does anyone know where I can buy this ic? It's no longer in
production, so I imagine some surplus dealers might have it. Alternately,
does anyone have one they would care to sell?
>>
>>Thanks,

>>
>>Robert
>>
>>--
>>Get your free email from AltaVista at http://altavista.iname.com
>>
>>----
>>Submissions: homebrew@qth.net
>>
>>
>>
end
Barry (Baz) Kirkwood PhD ZL1DD ex ZL1BN, ZL4OK etc
Signal Hill
66 Cory Road
Palm Beach
Waiheke Island 1240
NEW ZEALAND
www.waiheke.co.nz/signal.htm
Ph/Fax 64-9-372-5161

Date: Fri, 2 Jul 1999 19:39:06 -0400
From: Richard Powell <ripowell@mpna.com>
To: "'breynold@SIGG.COM'" <breynold@SIGG.COM>, Low Power Amateur Radio Discussion
<qrp-l@Lehigh.EDU>
Subject: [44167] RE: FD 99 -DON'T DO's
Message-ID: <01BEC4C2.903207D0.ripowell@mpna.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

4. DO NOT marry a non-ham spouse with a birthday of May 17, and THEN move
within 1/2 hour of Hamvention!
73
rick
wb6jbm / 8

On Tuesday, June 29, 1999 9:09 PM, Bob Reynolds [SMTP:breynold@SIGG.COM] wrote:
> 1. DO NOT marry a non-ham spouse with a birthday of June 22nd.
>
> 2. DO NOT get married on July 1st
>
> 3. DO NOT go to DISNEY WORLD with the family over FD weekend.
>

> RATS - Red K5VOL

Date: Fri, 2 Jul 1999 16:31:22 -0700 (PDT)
From: Jeff Furman <jfurman@ocs.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44168] General coverage receivers (not for kids)
Message-ID: <Pine.LNX.4.04.9907021612230.11795-100000@ocs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just to mention an alternative receiver architecture, the Wadley loop
receiver scheme requires no bandswitching save a front end preselector
for 0 to 30MHz. Some commercial examples are: Racal RA17, RA117; Yaesu
FRG-7; Drake SSR-1; Barlows XCR-30; Radio Shack DX-302. These all have a
MHz. dial and a 0 to 1000 kHz. dial. A 300(!) lb. monster is a military
WRR-2. Anyway, the tantalizing idea of simple or no bandswitches is nice.
There is a mention in the RSGB handbook (the one with the blue cover--
5th ed?). This uses a pre-PLL scheme for lo synthesis. There is ample
opportunity for spurious responses, birdies, etc., so it's seldom
homebrewed, however, that hasn't stopped people on this list...
73, Jeff, KD6MNP

Date: Fri, 2 Jul 1999 17:54:45 -0600 (MDT)
From: James P Rybak <jrybak@mesastate.edu>
To: qrp-l@lehigh.edu
Subject: [44169] Storing Transistors
Message-ID: <Pine.OSF.4.10.9907021753050.27289-100000@mesa7.mesa.colorado.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I generally store my stock of transistors in plastic 35mm film containers
or in pill containers. Are there any transistors for which this type of
storage could be harmful due to static problems from the plastic?

Thanks.

Jim Rybak   W0KSD

Date: Sat, 03 Jul 1999 10:00:25 +1000
From: "Ian C. Purdie" <purdic@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44170] Hot water Handbook
Message-ID: <377D5299.C9A7D8D8@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yeah wot's a Hot Water Handbook?

I'm also a licensed Plumber - the only one I know of is the technical
bible here - "Rheem Hot Water Manual".

73's

Ian
VK2TIP

Date: Fri, 02 Jul 1999 17:04:08 -0700
From: Mighty Mik <mitymik@hooked.net>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [44171] moon madness...
Message-ID: <377D5376.CF42E071@hooked.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-
creator="4D4F5353"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

ok...path loss and all...what if you were able to deliver an active
electronics package to the moon...making it a BIG satellite (with
transponders)...what might such a thing look like? (pretend you have
Bill Gates' pocket change)

--
@@@
72/73 de Mick, WD8MNV/6   QRP-L #1673   QRP-C #118   ZOMBIE #441
NC20 SWL40+ ZM-2 DSP-3 rocket scientist and a 6 meter wanna be.
Aeropac #111   Tripoli #3071   Level 2

Date: Thu, 1 Jul 1999 19:56:30 -0500
From: k5zty@juno.com
To: jmlowman@ix.netcom.com
Cc: qrp-l@Lehigh.EDU
Subject: [44172] Re: K2 Order
Message-ID: <19990702.190255.10198.0.k5zty@juno.com>

We got on the priority list at Dayton Hamvention in May of 98.
Bill, K5ZTY
Houston,TX

>Wonder what it took to get on the "priority" list? Some of these
>folks
>have theirs already.
>
>72 de Jim - AD6CW

____
Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: http://dl.www.juno.com/dynoget/tagj.

Date: Sat, 3 Jul 1999 01:18:22 +0100
From: "Andy GM0NWI" <gm0nwi@tesco.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [44173] Repost: "Searchin..."
Message-ID: <000301bec4e9$ad34df20$f91aac3e@andy>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi y`all....

This is the story...

Some time back, I posted here, and on the UK/Europe list a "plea"
for help, regarding the possibility of anyone outhere, havin` ANY info
whatsoever, pics, mods, articles etc... on the "qrp gem`s" the Heathkit
HW 7, 8 and 9 respectivley, transceivers...

I could not have anticipated the overwhelming response to the "plea",

from all corners of the globe... what a wonderful family we "qrp`ers" are... This for me was more overwelming than you can possibly imagine, as by nature of Spina Bifida, I am confined to a wheelchair for mobility, and thus find it etremely hard to get to the "bargains.." that seem to come around in the qrp fraternity.... This being the reason back then for askin` for my fellow qrp`ers help and wisdom on this matter...

This brings me to the present day, and the reason as to why I am again askin` for help regarding this "plea".....

I have again changed OS system`s and as in the past I have found it at the time difficult to get the the local computer emporium, as now is the case at present, I have lost a great deal of my software due to the fact of not being
able to back it up at the time of changing OS...

I am at the mercy of the guy`s who in my area find the time to help me out with
any computer problems I encounter, this has a tendency to make things happen in a hap-hazard kinda way.....

What I would like to ask of the guys on the list here in the UK and Europe and also
of those in the US and Canada etc, is, that if you could find it in your hearts and if
you have the time, if there is ANY info regarding mods, pics, articles or ANYTHING
else you can come up with or allready know about regarding this series of rigs,
PLEASE can you find the time to post me the relevent info....

For anyone who might want to send anything via mail I am QTHR, in any callbook
since 1990, at this address and would love to receive something from you...

I do realise that this is a BIG request AND a repeat request, possibly NOT the done
thing here on the list, so I must apologise for any wasted "Bandwidth" that I have caused
in the course of writing this "plea" to you...

I have in the past been totally "blown away" with the genuine generosity, and help from the
people here on the lists so thought that you would`nt mind my repeating this request as there
does`nt seem to be any problems with that in general...

LASTLY if Mike WA8MCQ is readin` this could you please posssibly send me

your articles/info
reagarding the changing etc of the torroids (i think..) for the HW8, yeah Mike...!! you did send them
a while back too my friend but there gone also, promise to print out ALL info received this time.....

Thanks guy`s for bein` so patient and understandin` in this one, it will again be a MASSIVE help to me
in collecting this info second time around...

Have a good one, take it easy .....

Your fellow QRP`er

Andy GM0NWI "Long Live QRP!!"
gm0nwi@tesco.net

Date: Fri, 2 Jul 1999 19:11:26 -0700
From: w4bws@juno.com
To: adams@ticnet.com
Cc: qrp-l@Lehigh.EDU
Subject: [44174] Re: Moonlight Midnight Madness Mania Watch
Message-ID: <19990702.201743.-136839.0.w4bws@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

On Thu, 1 Jul 1999 10:58:20 -0500 "Chuck Adams K5FO" <adams@ticnet.com> writes:
>
>
>Since the thread is started and since I thought about this
>one let me pass on the thought process.
> -snip--
>:-) And since the reflector can only do 180 degree reflections
>you can't work anyone else!!!! :-)
>
Kinda like the annual dummy load nite
for most stations, WE6W excepted of course,
Don W4BWS

>FYI
>Chuck Adams K5FO adams@ticnet.com http://www.qsl.net/k5fo/

Don Sanders W4BWS
694 E. Eau Gallie Blvd
Satellite Beach ,FL 32937
My favorite QRP rig glows in the dark

Date: Fri, 2 Jul 1999 20:24:56 -0700
From: w4bws@juno.com
To: purdic@integritynet.com.au
Cc: qrp-l@Lehigh.EDU
Subject: [44175] Re: Hot water Handbook
Message-ID: <19990702.202531.-136839.5.w4bws@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The Hot Water Handbook is a compilation of modifications and
improvements to the Heathkit HW-7,HW-8, HW-9 transceivers.
Don W4BWS

On Sat, 03 Jul 1999 10:00:25 +1000 "Ian C. Purdie"
<purdic@integritynet.com.au> writes:
>Yeah wot's a Hot Water Handbook?
>
>I'm also a licensed Plumber - the only one I know of is the technical
>bible here - "Rheem Hot Water Manual".
>
>73's
>
>Ian
>VK2TIP
>

Don Sanders W4BWS
694 E. Eau Gallie Blvd
Satellite Beach ,FL 32937
My favorite QRP rig glows in the dark

Date: Fri, 2 Jul 1999 19:30:47 -0500
From: "Randy Jouett" <rules@bellsouth.net>

To: <jrybak@mesastate.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44176] Re: Storing Transistors
Message-ID: <001c01bec4eb$bd3b2080$9d66d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: James P Rybak <jrybak@mesastate.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Friday, July 02, 1999 7:03 PM
Subject: Storing Transistors

>
>I generally store my stock of transistors in plastic 35mm film containers
>or in pill containers. Are there any transistors for which this type of
>storage could be harmful due to static problems from the plastic?
>
>Thanks.
>
>Jim Rybak   W0KSD

Hi, Jim. I also store my parts in 35-mm film canisters,
and I've never had a problem with them. What I do is
glue row after row of film can on both sides of a
two-foot by two-foot piece of quarter-inch plywood.
Then I color-code the canister top (red = transistor,
white = caps, etc.). After that I put a couple of screws
in the top corners of the plywood, tie a string on to it,
and hang the whole thing like a painting on the wall.
If I need a part that's on the reverse side, I simply
pick up the contraption and flip it over.

In all the years that I've been doing this, I've never
had a part go bad from storage. It could be that
the humidity down here in Louisiana helps with
the situation (85% most of the year), though, so
your mileage may vary :^).

73

Randy Jouett, AB5NI

Date: Wed, 30 Jun 1999 22:04:26 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: rerobins@email.uncc.edu
Cc: qrp-l@lehigh.edu
Subject: [44177] Flame Inducing Topics
Message-ID: <199907030101.UAA29497@mailgw.flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Rick - You forgot two that always seem to work;

 0. Baluns

00. Radials

I am sure that there are others. - Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Fri, 02 Jul 1999 20:56:12 -0400
From: Rick Sealey <rsealey@InfoAve.Net>
To: qrp-l@lehigh.edu
Subject: [44178] Re: Suprise Visiter
Message-ID: <4.1.19990702205501.0094b780@mail.infoave.net>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

At 01:53 PM 07/01/1999 +0000, you wrote:
>Can't belive it, just had a short visit by none other than Doug
>Hendricks, here at the shop!
>
>Apparently, he and his wife are travling around New England and found
>thier way into my part of the woods, so they stopped by to say hello.
>
>Needless to say, his visit made my day :-)
>
>

>72,
>Steve, KD1JV in the white Mountains of New Hampshire
>"melt solder"

Yeah, but did he melt any solder?

Rick - W4SEA

Date: Fri, 2 Jul 1999 20:08:07 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44179] Re: Storing Transistors
Message-ID: <00d101bec4f0$838cf200$ed37a497@aa5tb>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I've never had a problem with storing transistors in ordinary plastic
containers at home either although I try and make sure FET's, MOSFET's, and
any other high impedance devices are inserted into a piece of black
anti-static foam first.

Don't do it on the job though or you'll be fired :-) Production facilities
do have very good reasons though for making sure everything is protected
from static electricity in the commercial and government world. It
certainly wouldn't hurt to take precautions at home too. Failures or
component degradation do not always show up immediately. Often times it
just causes premature failure of components after they are put into service.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
http://home.swbell.net/aa5tb

Date: Fri, 02 Jul 1999 21:17:57 -0400
From: Rick Sealey <rsealey@InfoAve.Net>
To: qrp-l@lehigh.edu
Subject: [44180] Re: looking for Heathkit "green"

Message-ID: <4.1.19990702211635.0094eef0@mail.infoave.net>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

At 07:14 AM 07/02/1999 -0400, you wrote:
>The person who owned my HW-8 before me (and HWA-7-1) painted it red of
>all things. Does anybody know where I can get the "proper" green to
>take this radio back to the normal green color?
>
>TIA
>
>Michael (seeing red) - N4NMR

Red! SAY IT AIN'T SO!!!

Date: Fri, 2 Jul 1999 20:59:28 -0500
From: Jeff Davis <jeff@jehosophat.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [44181] New ARRL Book
Message-ID: <19990702205928.A26936@jehosophat.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I got back into town today and found the new ARRL Low Power
Communication book had arrived while I was gone.

I've spent the evening with it and I think it is very well done and a
nice photo collection of QRP kits and commercial gear.

If you haven't got one yet, I'd recommend it.

--
72 de Jeff, N9AVG
QRP-L #1640
QRP ARCI #9756
NorCal #2891

Date: Fri, 2 Jul 1999 22:09:34 -0400
From: "Tom H" <biskit@snip.net>
To: <qrp-l@Lehigh.edu>
Subject: [44182] Re: Storing Transistors

Message-ID: <00c601bec4f9$18cad780$744eccd1@hybiske>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> I generally store my stock of transistors in plastic 35mm film containers
> or in pill containers. Are there any transistors for which this type of
> storage could be harmful due to static problems from the plastic?
>
> Thanks.
>
> Jim Rybak   W0KSD

Jim,
Speaking in the industrial realm, any transistor falls under the general description of "semi-conductor device", and is therefor subject to static sensitive storage and handling procedures. As Steve Yates indicated in another post, most modern, and certainly any ISO 9000 approved facilities such as my employer's take static abatement procedures very seriously. At my company we must stand behind a yellow line on the floor around the assembly benches if we're not equiped with ground straps. Picking up a $15,000 PWB without protection gets you the boot. Damage caused by static electricity doesn't always result in total destruction of the part, but can result in a premature failure sometime after the part is installed. Not a good thing if your customer is the US military. Adopting a fraction of the standard industrial procedures would certainly be benificial to the home builder. I gotta' laugh though 'cause as I write this, I'm staring at a styrene container on my home bench filled with 2N2222A's.   7 2 de K3GM

Date: Fri, 02 Jul 1999 22:21:12 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: ceefmf@cee.hw.ac.uk, "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [44183] Re: How about a general coverage Rcvr.
Message-ID: <377D7398.24A1C6CA@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My error, that would be Doug's "His Eminence the Receiver" project from several 1976 issues of QST. Boards are still available from Far Radio for the original design. I thought it might make a good point of

departure.

>Finlay MacLeod Fraser wrote:
>
> In the QRP-L archive you wrote:
> "I'd surely get in line for such a kit. I often thought that a nice
> little general coverage receiver would be just the ticket for all these
> teeny transmitters I have been building. Given that there are a number
> of nice Digital VFO designes out there it would seem that someone just
> needs to whip up the filters and such. (easy for me to say). OR...if we
> want to go with furthering the memory of Doug W1FB, we could to a
> re-thrash of his excellent Ultimate Receiver design. Whatever comes
> along, I'm up for it."
> --
> I was very interested to read your reference to the "Ultimate receiver
> design by Doug W1FB"
> I would very much appreciate it if you could tell me the source of this
> design as I have been unable to find any reference to it.
>
> Thanks
>
> Finlay Fraser

--
++

  T.J. "SKIP" AREY N2EI   e-mail tjarey@home.com

     Website   http://members.home.net/tjarey

     Snail Mail: PO Box 236, Beverly, NJ 08010

   Specialization is for insects!   LAZARUS LONG

Date: Fri, 2 Jul 1999 19:24:28 -0700 (PDT)
From: Stanley Wilson <microres@crl.com>
To: qrp-l@Lehigh.EDU
Subject: [44184] Dream Receiver of the 60s was the HBR
Message-ID: <Pine.SUN.3.91.990702191714.10289A-100000@crl.crl.com>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Today this homebrew receiver is seeing a come back. Designed by W6TC in
the mid 60's. A web site with some pictures is at http://debris.org/hbr

A mailing list is also available - information is at majordomo@qth.net
with info HBR in the body of the message - nothing else just info HBR

If anyone is serious about designing a modern day dream receiver or even building up a nice tube unit they should take a look at the HBR. Several articles appeared in QST, a list of the issues is available at the web site.

This is a true HOMEBREW receiver and thought it fit with the thread on designing something new.

Have a great 4th de stan ak0b

Date: Fri, 02 Jul 1999 19:36:10 -0700
From: Bob Hightower <ki7mn@extremezone.com>
To: qrp-l@lehigh.edu
Subject: [44185] Ft Tuthill QRP Symposium
Message-ID: <199907030228.TAA11159@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I recently sent a note to the list about the Symposium, and the door prize donors. I erroneously attributed the donation of 2 of the VE3DNL Marker Generators to the ARQRP club. They have, in fact, been donated by Jay Bromley and the Ft. Smith QRP Club. Sorry for the error, and I want to give proper credit for these fine prizes.

As Paul said in his earlier note, Flagstaff is at more than 7000' ASL, not high enough to worry about, but high enough to enjoy a respite from the summer heat. The Hamfest begins on Friday, July 23d, with the commercial building opening at about noon. The AZ ScQRPions will be ready to go early on Friday, so there will be plenty of goodies to see on that day. Saturday brings the Symposium, with it's great line-up of speakers (see http://www.extremezone.com/~ki7mn/tut99.htm for details), as well as more hamfesting.

Saturday evening is the bring your own meat cook-out, with the other edibles being provided by the ScQRPions. This is always a lot of fun, and has traditionally been the birthplace of some fine contests, such as FYBO, BUBBA, the run for the borders, etc. We'll see what the group comes up with this year.

So.....come on up and join us. It's gonna be lots of fun.
72,73
Bob Hightower KI7MN

http://www.extremezone.com/~ki7mn

Date: Fri, 02 Jul 1999 22:34:46 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [44186] Meeting
Message-ID: <377D76C6.286DCE22@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

More propaganda to get you to lower your power.

> Doug Hendricks, KI6DS is vacationing here on the East Coast this
month
> and would very much like to come to an NJQRP Club meeting to meet us
> all!
>
> Doug is one of the founding fathers and main activists for the NorCal
> QRP Club, and probably the principal driving person in today's QRP
> scene. He is the editor of the QRPp quarterly publication, he
spawned
> the class of QRP forums upon which we modeled our recent Atlanticon
QRP
> weekend, he is the main person behind all the wonderful kits offered
by
> the NorCal gang (the NC40, the NC20, the NC Paddles, the 38 Special,
the
> SST, R & C kits ... the list seems endless!), and he is a member of
the
> QRP Hall of Fame. And even more so for me, Doug is a very good
friend
> to some of us here in the NJQRP.
>
> Soooo ... In order to mesh with Doug's travel schedule, let's move
our
> normal end-of-the-month July meeting forward a bit to next week
Saturday
> (July 10th) at our indoor location of Forrestal Village Mall food
court
> on Rt. 1 in Princeton.
>
> We can bring all of our recent projects for a massive show 'n tell.
> Bring all our spare/extra parts and components for a swap 'n sell.
> Bring all the pictures and stories of the recent Field Day

activities.
> Most of all, we show some hospitality and in turn hear stories and
> anecdotes from the master of the QRP organizations, KI6DS.
>
> What do you think? Can we provide a large showing in a couple of
weeks
> for such a luminary visiting our area? It would be great getting us
all
> together mid-summer in the cool air conditioning of the food court.
>
> And personally, I'm looking forward to showing off a few of the
projects
> I missed showing last time because of my household move in progress
> then. We can also bring the few Fireball 40 and Amplifier kits we
have
> remaining (in case you wanted one before the supply was exhausted),
and
> same too for the few Atlanticon T-shirts remaining. When these
things
> are gone, they're gone - no more reorders for these.
>
> Plus, we'll be announcing two new club project kits ... you'll have
to
> wait to hear about these at the meeting!
>
> So give some thought to reserving the morning of Saturday July 10th
for
> a very important NJQRP Club meeting. Should be "QRP heaven"! Can
you
> make it?
>
--
++

  T.J. "SKIP" AREY N2EI   e-mail tjarey@home.com

     Website   http://members.home.net/tjarey

     Snail Mail: PO Box 236, Beverly, NJ 08010

   Specialization is for insects!   LAZARUS LONG

Date: Fri, 2 Jul 1999 22:25:30 -0400
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [44187] Re: DLN (MB)

Message-ID: <19990702.223544.-312917.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I thought the origional, most enjoyable, DLN proved that u an't gonna get "no-wear" 'lessen u attach an antenna to the DL in somne manner...
So why not try sumthin like a mile long wire/rope beam hung on tef a lone poles and aimed at the moon when it passes a certain point on the horizon... seems unreasonable to think that iffin u can make an antenna that's gonna get u more db gain than u gonna lose, it might just work... maybe a bunch of dishes aimed at a common point ... u kneaux they do wonders with the satelite tracking antennas...
maybe have a few stations across the us or world listen for the bounce... just in case it don't come straight back... U kneaux we is all smiling about this but then so was a lots of peoples when someone superglued an airplane together and flew non-stop around the world... A QRP FIRST is there for the doing... The only question is wheather or not anyone is equal to the task!
Joel KE1LA
In Maine

_____
Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: http://dl.www.juno.com/dynoget/tagj.

Date: Fri, 2 Jul 1999 19:54:00 -0700 (PDT)
From: Craig LaBarge <wb3gck@yahoo.com>
To: qrpl-mailing-list <qrp-l@lehigh.edu>
Subject: [44188] Re: 30 Meter ant. ideas?
Message-ID: <19990703025400.3224.rocketmail@web708.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Jack:

The MFJ-9030 has been one of my primary portable rigs for several years now. When I travel with the 30 meter rig, I usually take the following:

1. A dipole made from #22 stranded hookup wire fed with about 30' of RG-174/U. The center insulator is a small piece of fiberglass perfboard. No end insulators. You can make a small loop in each end or

just crimp a ring lug on each end. (Thanks Ken, N2CQ,
for that tip!)

2. A 46-foot piece of #22 hookup wire (halfwave at 30
meters) and two 1/4 wave lengths of the same wire.
Assuming you have a small tuner at hand, you can run
these as an end-fed half-wave with one or two
counterpoise wires. Or, depending on space available,
just load up one of the 1/4-wave wires and use the
other as a counterpoise. (I've had great success by
sloping a 1/4-wave wire out from a second story window
and running the other wire around the baseboard of the
room as a counterpoise.)

All of the above fit in a zip-lock bag. Between the
dipole and the wires, you can always rig up a 30 meter
antenna for just about any situation you find yourself
in.

Have fun!

73, Craig WB3GCK

_____
Do You Yahoo!?
Get your free @yahoo.com address at http://mail.yahoo.com

Date: Fri, 2 Jul 1999 20:32:12 -0700 (PDT)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
To: mstangelo@worldnet.att.net
Cc: fred.devries@mindspring.com, qrp-l@Lehigh.EDU
Subject: [44189] Re: [44119] RE: Battleships, rowboats, maritime mobiles and my
little sloop
Message-ID: <199907030332.UAA28071@netcom9.netcom.com>

> Date: Fri, 2 Jul 1999 09:29:49 -0400
> From: "Michael St. Angelo" <mstangelo@worldnet.att.net>
>
> If the boat at a dock or anchored,it is portable, if it is under sail
> in domestic waters it is mobile and if is under sail outside if the territorial
> limit, it is maritime mobile.

There are other definitions. The UK regs state that operation from

"tidal waters" is Maritime Mobile, and that's pretty far up many rivers.

Only operation from non-tidal waters (as well as in a vehicle or as a pedestrian) is considered merely Mobile.
73, doug

Date: Fri, 2 Jul 1999 23:40:29 -0400
From: "Hartwell, Martin E (Marty)" <mhartwell@lucent.com>
To: qrp-l@lehigh.edu
Subject: [44190] 10 turn pots and other things
Message-ID: <293FEF237633D211882D0000C0F9B1F4AE4016@OH0012EXCH006U>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

Hello all

     Well again I find myself in Taiwan, actually I knew all along I was to be here and when I arrived. I have found a nice area of town to stroll around. I have found a place that sells these 10 turn pots, that look like the ones I have seen in the NC20 to extend the tuning precision. What kind of prices are on these units in the popular catalogs we have available in the states? I am going to get a couple of them anyway but if I find the price here is well below those available in the states I will buy several to keep for future use on kits. It seems to me the 10K value is a good to get.

     Also several weeks ago I sent a message to the list asking for any information on operation in Taiwan, I didn't get any responses then, so I thought I would ask again. I didn't bring any equipment with me this time, but if I had to come back in the future I might think about it, if the restrictions aren't too bad. I have heard from people here that restrictions are tight here, so maybe it isn't a good idea. I have to say in looking around here I don't see many YAGI or other antennas that look like Amateur used or based. In Spain I did see wire antennas strung on top of apartment buildings, even some beams here and there. I don't see many here in Taipei. As a ham it is normal for me to look out for those signs of activity.

     Well any information would be of interest, if you can respond my email address is:
          mhartwell@lucent.com <mailto:mhartwell@lucent.com>   for direct response and I do get the digest daily. By the way while on trips it is a joy to keep up with the ham news by way of the digest. I do get behind some days because of long work days, but on weekends I can catch up. Works for me.

Marty

Date: Fri, 02 Jul 1999 22:03:18 -0600
From: Jess Gypin <jessqrp@concentric.net>
To: qrp-l@lehigh.edu
Subject: [44191] Stealth Antenna
Message-ID: <377D8B86.401028CC@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am not sure if this has been exposed here before or not. For those of you looking for the ultimate in hidden antennas, this may be the one. I read all of the technical poop that is there and it seems to make sense to me! I am not sure that this would be the best QRp antenna, but we have all tried things that were weirder! Check it out!

Jess

http://users.erols.com/k3mt/graswire/graswire.htm

--
Jess AE0CW <><
http://www.concentric.net/~jessqrp Personal Home page
http://qsl.net/n0tfi/bug.html Bug Stories

Date: Fri, 02 Jul 1999 20:31:41 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [44192] Tricked by propagation in Alaska (a bit long)
Message-ID: <377D922D.F2597248@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, I had an interesting reminder today. I was checking out some rigs around mid-day to possibly sell in the near future. I have a Swan 500CX, a Swan 350, and a Swan Cygnat. I carefully ran a nice piece of

mini-RG8 from my shack out into the garage. I turned the antenna switch to the KLM-KT34A, and the rig switch to the coax headed to the garage.

I first fired up the Swan 500CX. The lights came on, I fiddled with the AF and RF controls, got the meter to drop to zero and tuned around. Nothing. So I turned up the volume. Nothing. So I rechecked the antenna and rig switching. Ok. Dang, the 500CX is no good.

Then I fired up the Swan Cygnat. The lights came on, I fiddled with the controls and tuned around. Nothing. So I turned up the volume. Nothing. So I rechecked the antenna and rig switching. Ok. Dang, the Cygnat is no good.

All of a sudden it seemed prudent to check 20 meters with my Kenwood TS450S. The lights came on, I fiddled with the controls and tuned around. Nothing. So I turned up the volume. Nothing. THE BAND WAS DEAD!!

ARGH!!!!

I still don't know if the Swan rigs work and now I am reminded that I seem to never learn from my past propagation experience up here. I have only been up here 21 years now, so it may take me a while longer. :-)

Here's hoping we can all work some day...

Jim
--
73, Jim Larsen, AL7FS   http://www.qsl.net/al7fs/
Anchorage, Alaska
mailto:al7fs@qsl.net
ICQ 11022915

Date: Sat, 3 Jul 1999 00:56:28 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: John Fletcher <johnf@innotts.co.uk>
Cc: GQRP-L <gqrp@onelist.com>, QRP List <qrp-l@Lehigh.EDU>, "U.S. (Bill Kelsey, N8ET) KANGA" <kanga@brutus.bright.net>
Subject: [44193] Re: [GQRP] G-QRP - Hotwater Handbook?
Message-ID: <Pine.BSI.3.96.990703004302.1130B-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

John,

Try contacting Bill Kelsey, N8ET of KANGA U.S. He has the book in stock

as well as a number of other QRP Related Books, SPRAT Reprints and lots of Kits.

His web page is at <http://www.bright.net/~kanga/kanga/>

Telephone (419)423-4604 (Evenings) (He has a day job :-)

He can take check, VISA or MC.

Mailing address is KANGA US, 3521 Spring Lake Drive, Findlay, OH 45840 USA

GL es glad that I could help.

Sir George, The First :^)

72 ES
QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Notary Public and Locksmith Services
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301)572-6789
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

On Fri, 2 Jul 1999, John Fletcher wrote:

> From: John Fletcher <johnf@innotts.co.uk>
>
> Hello all,
>
> Can anyone tell me where I might buy a copy of the
> Hotwater Handbook, assuming it's still in print?
> Thanks in anticipation,
>
> John G4EDX
> John Fletcher
> Operator of British Amateur Radio Station G4EDX
>
>
> --------------------------- ONElist Sponsor ----------------------------
>
> Attention ONElist list owners.
> http://www.onelist.com
> Check out the new "DEFAULT MODERATED STATUS" option. See homepage.
>
> --

> === Via the mailing list of the GQRP Club http://www.btinternet.com/~g4wif/gqrp.htm ===
>

Date: Fri, 2 Jul 1999 23:34:15 -0700 (PDT)
From: "Jack Oakland, CA" <w6abc@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [44194] 30 Meter portable ant Thanks
Message-ID: <19990703063415.6590.rocketmail@web108.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Thanks for the suggestions for a portable e-z travel
ant for 30 QRP. I am going with a small lightweight
dipoe made from 22 awg insulated wire which I will use
with a tuner and a short run of rg58. I'm also going
to try hanging a random wire of the same guage and see
what happens. Lots of nifty ideas from the group,
thanks again. I hope 30 will oblige propagation-wise.
I'll be operating on the 6th and 7th of July from
Reading, Pa and maybe on the 8th and/or 9th from
Monticello, NY on the low end of 30 meters, if anyone
is around and the band is up. Also will monitor 2
meters on the ride to and from those locations if
anyone knows repeater freqs for that route they can
pass along.
73,
Jack W6ABC

____
Do You Yahoo!?
Get your free @yahoo.com address at http://mail.yahoo.com

Date: Fri, 02 Jul 1999 19:37:37 +0000
From: Goran Hosinsky <hosinsky@jet.es>
To: wb3gck@yahoo.com, QRP-L <qrp-l@lehigh.edu>
Subject: [44195] Re: Ladder Line
Message-ID: <377D1500.C4F7593A@jet.es>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

I measured 100 feet of 300 ohm window ladder line with the RF-1 analyst.
I got 0.5dB when hung
in the air, 1.4 dB lying on dry ground.

Saludos
Goran ea8yu

Craig LaBarge wrote:

> What effect, if any, does running ladder line on the
> ground have? I know that it needs to be kept away
> from metal but, when camping, I often have some of the
> line from the antenna laying on the ground.
>
> 73, Craig WB3GCK
>
> ____
> Do You Yahoo!?
> Get your free @yahoo.com address at http://mail.yahoo.com

Date: Sat, 3 Jul 1999 00:43:16 -0600
From: Niels Jensen Kristjansson <nkristja@cadvision.com>
To: qrp-l@Lehigh.EDU
Subject: [44196] Re: 30 Meter ant. ideas?
Message-ID: <1.5.4.16.19990703001318.1b279498@cadvision.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang,

I built a 30m Folded Dipole out of 300 Ohm TV Twin Lead, cheap at Radio Shack, this is the light weight clear plastic type. Use the ARRL Handbook's dimensions given in the chapter on portable antennas but make the ends abour 5" longer in case your matching cap is not spot on the value required. I also built a 20m version and it worked very well last Field Day. Cheap easy and workes well just up my alley hi hi.

72 de Niels
VE6NJK/TF3NJ
Calgary, AB
CANADA

Date: Fri, 02 Jul 1999 22:54:56 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: Ten Tec List <tentec@qth.net>, "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [44197] Request Info - Ten Tec Model 670 Keyer/ KR-20 Keyer
Message-ID: <377DB3C0.64A9A22E@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello,

I have a couple of keyers that might help fill out a nice classic Ten Tec station.

I need to know the fair value of the following Ten Tec keyers:

Ten Tec Model 670 Keyer w/ built in paddle. Black. Looks like two mini switches were added to front panel (ON and TUNE). Speed control on front. with wall power module.

Ten Tec Model KR20 Keyer. Off white (505, 509 type color) Front has Pwr on/off, and speed. Back has Vol., freq, weight, as well as recepticles for key and monitor. Runs off AC direct, no wall module.

Replies direct are probably best. On the list is ok.

Thanks for helping me to stay off eBay with these.

73, Jim Larsen, AL7FS   http://www.qsl.net/al7fs/
Anchorage, Alaska
mailto:al7fs@qsl.net
ICQ 11022915

Date: Sat, 3 Jul 1999 02:15:28 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44198] Re: Storing Transistors
Message-ID: <003701bec523$d9472c00$1066d6d1@spock>
MIME-Version: 1.0

Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>-----Original Message-----
>From: Steve Yates, AA5TB <aa5tb@swbell.net>
>To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
>Date: Friday, July 02, 1999 8:12 PM
>Subject: Re: Storing Transistors
>
>
>I've never had a problem with storing transistors in ordinary plastic
>containers at home either although I try and make sure FET's, MOSFET's, and
>any other high impedance devices are inserted into a piece of black
>anti-static foam first.

Hi, Steve. I also use that method, and it works fine!
I also cut up anti-static bags from motherboards, modems,
etc., and wrap static-sensitive components with the stuff
and nail em' down with a piece of tape. The part number
is on the piece of tape and on the film can lid, of course.

73

Randy Jouett, AB5NI

>

Date: Sat, 3 Jul 1999 02:27:22 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <hamjoel@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44199] Re: DLN (MB)
Message-ID: <004001bec525$ad7f1040$1066d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: hamjoel@juno.com <hamjoel@juno.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Friday, July 02, 1999 9:50 PM
Subject: Re: DLN (MB)

> I thought the origional, most enjoyable, DLN proved that u an't gonna
>get "no-wear" 'lessen u attach an antenna to the DL in somne manner...
> So why not try sumthin like a mile long wire/rope beam hung on tef a
>lone poles and aimed at the moon when it passes a certain point on the
>horizon... seems unreasonable to think that iffin u can make an antenna
>that's gonna get u more db gain than u gonna lose, it might just work...
>maybe a bunch of dishes aimed at a common point ... u kneaux they do
>wonders with the satelite tracking antennas...
> maybe have a few stations across the us or world listen for the
>bounce... just in case it don't come straight back... U kneaux we is all
>smiling about this but then so was a lots of peoples when someone
>superglued an airplane together and flew non-stop around the world... A
>QRP FIRST is there for the doing... The only question is wheather or not
>anyone is equal to the task!
>Joel KE1LA
>In Maine

Hi, Joel! I think you might be suffering from "Cajun Land" withdrawal!
I was completely convinced of this when I saw the word "kneaux"
in your message to qrp-l :^) :^). Relax, and make yourself some
seafood gumbo, boiled crabs, shrimp, and crawfish (if you have
any up there), and take a big swallow of Community Coffee :^) :^).

If this doesn't work, just let me know and I'll ship you some boudin,
cracklins, and a Justin Wilson Louisiana Cooking tape :^) :^) :^).

Hope this message helps! :^) :^)

73

Randy Jouett

Date: Sat, 3 Jul 1999 04:36:50 -0400
From: Michael <mike_mhe@compuserve.com>
To: "Lehigh, Messages" <qrp-l@Lehigh.EDU>
Subject: [44200] 6th O-QRP-Contest REMINDER
Message-ID: <199907030437_MC2-7BAA-90E8@compuserve.com>

MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
      charset=ISO-8859-1
Content-Disposition: inline
Content-Transfer-Encoding: quoted-printable

REMINDER

DJ7ST@DB0ABZ.#NDS.DL.EU.
The QRP-CONTEST-COMMUNITY

Dear YL&OM,

once again the echo in the amateur-radio-magazines outside DL wasn't too
overwhelming (for instance not a word in SPRAT No.99, received today). =

So here is my very cordially last-minute-invitation to the

          6th O R I G I N A L - Q R P - C O N T E S T
          ----

taking place this very weekend. =

The rules have been uploaded into <contest> and <qrp> about 2 weeks ago.
  (Rem. de DF2OK: Packet-Radio BBS Boards)

The last event at 26/27th-Dec-98 has seen about 300 log entries.

We would be very pleased, if you would give us the honour of your =

participation. I'm looking forward to hear your callsign in the 6th OQRPC=
!

Best 73/2 de 'Hal', DJ7ST   =

Copied from the packet-radio net to internet by DF2OK, Mike.
CU!

Date: Sat, 3 Jul 1999 11:21:54 +0100
From: "Ted Williams" <tedw@btinternet.com>

To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [44201] DLN
Message-ID: <011601bec540$f1b803a0$c03bac3e@btinternet>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dividing by zero.....I think the result depends on whether it is
plus or minus zero ;-)

Ted, G0ULL

Date: Sat, 3 Jul 1999 13:35:32 +0100
From: John Fletcher <johnf@innotts.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44202] HotWater Handbook
Message-ID: <199907031235.NAA22621@carlton.innotts.co.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi All,

Thanks for the many responses to my plea for a source of the
HotWater Handbook.

73,

John
John Fletcher
Operator of British Amateur Radio Station G4EDX

Date: Sat, 03 Jul 1999 06:15:03 -0700
From: Bruce Grubbs <bog@flagstaff.az.us>
To: qrp-l@LeHigh.edu
Subject: [44203] K2 shipping status
Message-ID: <3.0.5.32.19990703061503.009982b0@mail.infomagic.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello all,

Just to give an idea of Elecraft's shipping schedule, I got on the priority list with a snail-mail order at the end of January. My original order got lost and I had to send a copy. Since K2's have been shipping for a couple of weeks, I started to get a little concerned that my order had fallen through the cracks.

I emailed Elecraft a few days ago and got a prompt reply from Scott, AH6KL, at Elecraft. He says my K2 will ship on the 7th or 8th.

I know those people are really busy, working long hours, so I really appreciate them looking up my order.

72

Bruce, N7CEE
bog@flagstaff.az.us

Date: Sat, 03 Jul 1999 08:11:03 -0700
From: Eric Swartz WA6HHQ - Elecraft <erics@elecraft.com>
To: EleCraft mail list <elecraft@qth.net>
Cc: QRP-L <qrp-l@lehigh.edu>, GQRP <gqrp@onelist.com>
Subject: [44204] New K2 troubleshooting guide
Message-ID: <377E2807.B0C19C24@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

We have placed Appendix E (.pdf) from the new K2 manual on our web site on the manual download page. It provides a detailed description of troubleshooting the K2, including a comprehensive RX and TX signal tracing procedure.

72, Eric WA6HHQ

http://www.elecraft.com

Date: Sat, 3 Jul 1999 08:14:26 -0400
From: Nils R Young <nilsbull@juno.com>
To: waltk8cv@mpdr0.detroit.mi.ameritech.net, QRP-L@lehigh.edu
Subject: [44205] Re: TELL me more about ROGERS?
Message-ID: <19990703.082226.13782.3.nilsbull@juno.com>

Walt (& the rest who want to know about Roger's battery deal),

Roger runs Midwest Surplus Electronics (501 W. Main Street, Fairborn, OH 45324) & you can contact him at 937-879-2250.

The batteries say NiMH 1.2V 1200 mAh. The price on the box that I saw (and there were two boxes, & I've seen them there before) said $2 each. So I bought 10, which is 12 V @ 1200 mAh.

Someone asked if they were not NiCAds, which they don't say to be.

Ten of 'em runs the K2 on receive easy. I'm not too game on tryin' 'em on transmit without a little help from Mr. Walwart & the voltage regulator in an Altoids tin.

73
Nils

Nils R. Bull Young :: La Estancia de los Guajolotes Sonrientes
WB8IJN &c :: The Tagalong Press :: email to nilsbull@juno.com
"In my day we had to FIGHT to have email! Every day was a struggle!"
-- Comrade Sergei Nikolaievich
McTovarishov

_____
Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: http://dl.www.juno.com/dynoget/tagj.

Date: Sat, 3 Jul 1999 08:09:56 -0700
From: "Jim Johnson" <km7h@gte.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [44206] FS: OHR 100A 40 Meter
Message-ID: <000101bec566$1e10b4e0$eefe2399@km7h>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Nice radio in very good shape. Asking $80 shipped to you.

Jim Johnson, KM7H
Mukilteo, WA
QRP ARCI #3497

Date: Sat, 3 Jul 1999 11:26:59 EDT
From: "Jeffrey L. L. Greer" <wd4et@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [44207] "K2 Century 2K" Award
Message-ID: <19990703.112702.4390.0.wd4et@juno.com>

I would like to propose a "K2 Century 2K" Award. It would commemorate the 2K century and the K2 radio.

To qualify, you would have to work 100 K2s before the end of the year 2000. I volunteer to produce the certificates. I have some ideas in mind though I'm not much of an artist. I intend to enlist the assistance of my number 2 son for this task. Any suggestions would also be appreciated.

Is there any interest in this award?

72, Jeff WD4ET, K2 #155 under construction

_____
Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: http://dl.www.juno.com/dynoget/tagj.

Date: Sat, 03 Jul 1999 10:34:04 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: tedw@btinternet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44208] Re: DLN
Message-ID: <377E2D6C.7E555E5E@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

And that depends upon whether the machine uses 1's-complement or 2's complement arithmetic - right?

72/73, George AMA 98452 R/C since 1964

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!

AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

Ted Williams wrote:
>
> Dividing by zero.....I think the result depends on whether it is
> plus or minus zero ;-)
>
> Ted, G0ULL

--

Date: Sat, 3 Jul 1999 08:57:27 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44209] Re: Publish it!
Message-ID: <Pine.BSI.3.96.990703082352.23984C-100000@usr05.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In an earlier posting, it was said:

>
> Hence, it may be mostly the confidence factor that keeps folks from doing
> an article for QQ or one of the other QRP outlets. I wish I had a magic
> bullet to kill writer's anxiety, because we are missing some great
> information that would be useful to a large portion of the gang.
> Words are just another tool--actually an assortment of tools--that we
> master by practice. It does not matter that we never master the tools
> perfectly, so long as we get a little bit better each time we use them.
>

     I've been writing both professionally (part-time) and for a couple of the amateur journals (QEX and QRP Quarterly) for a few years now. I can tell you that even now, after being published over 6 times (there's a full bibliography on my web page) and presented papers at professional forums 3 times, that it never gets easy. You always run the risk that somebody out there who is equally or more knowledgable than you is going to notice you. Depending on their general nature, they are going to either attack you (Barrie Gilbert vs. my feedback mixer) or are going to recognize you and invite you to participate in a project or even a book (both occurring right now). This will depend entirely upon the nature of the individual who notices you and whether he sees you as a threat or as accomplished and competent in the field.

When writing in either forum, the best advice I can give is to write in a subject area where you have experience and are confident of what you are doing.

ALWAYS GIVE REFERENCES!!

In any subject matter, even if it's the disclosure of a new technique or theory, always cite references of supportive material, especially if you are countering somebody else's publication. Good supportive references will make it less likely that you will suffer the indignation of someone who just wants to denounce anything and everything, and there are lots of those out there.

If you are going to use illustrations or data from a prior publication, ALWAYS get the permission of the publisher of that material. Generally, the authors of that material are more than happy to have their work mentioned as a reference in later material. And always mention that the illustration is used by permission of _____.

When you submit your material, always send the initial work in some format the is easily readable and transportable. Send a printed copy as well as an electronic one. Send hard copies of your illustrations, and if they are available electronically (AutoCAD, .DXF, .TIF, etc) send those as well. DO NOT use exotic formats such as WHIZBANG 2010 or wierd stuff like HTML, but instead use something way down in the word processor food chain such as Word 95.

ALWAYS listen to your editor. He/she can be your best resource when trying to sort out difficulties in getting your article into publishable form. Giving the editor a hard time usually results in your work going to the bottom of the pile or worse.

Be prepared to be rejected. I've been rejected twice in the last 3 years, which is really an enviable record, and you just have to accept that. When that happens, you have the options of throwing it away, rewriting the material and resubmitting it (ask the editor first), or submitting it elsewhere.

There are many rewards in writing and getting published. You get to see your name in print, which is an ego thing. You might even make a little money doing so, but don't try to make a living out of it unless you're independently wealthy. When others reference your work then you know you've arrived.

With respect to writing for professional journals, it is necessary in order to stay employable within the profession(s). The addage of "Publish or Perish" rings true everywhere.

And then there's patenting......

Oy!

Chris

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
http://www.primenet.com/~ctrask

Graphics by Loek Frederiks

Date: Sat, 3 Jul 1999 12:13:39 EDT
From: KG8L@aol.com
To: nilsbull@juno.com, qrp-l@lehigh.edu
Subject: [44210] Re: TELL me more about ROGERS?
Message-ID: <d7cd5737.24af90b3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just for the advice of the folks on the list...

When I was stationed at Wright Patterson AFB about 5 years ago, Rogers place was right outside the main gate and I did a LOT of business with him. He's extremely knowledgable and helpful, knows exactly what he has in his stocks, and is a GREAT person to do business with. I've dealt with a lot of surplus

places over the years, and Roger (Midwest Surplus) tops them all. I highly recommend him.

72,

Mike
KG8L/5

Date: Sat, 03 Jul 1999 12:22:43 -0400
From: "David Hurley,n2zhy" <n2zhy@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [44211] Need Anguilla?
Message-ID: <377E38D3.36A73FFC@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim,wb2rem is operating from the island of Anguilla as vp2erem(yup "erem").

He is a member of my local qro club. I have been making daily qrp contacts (5w/dipole) and I think he is now turning toward the lite side(qrp). He's impressed.

I bet if we all called "qrp" back to his cq, we could pull him into the fold!

The wife and kids are with him but he still gets on pretty regular. He will be there for a few more days making zillions of contacts.

1030z to 1230z approx, and 2030z to 0030z approx

14.025 +/- mostly in the morning
14.260 +/- mostly in the evening

Please help turn him from the dark side.

72 and may the force ... ...

David,n2zhy
Princeton,NJ

Date: Sat, 3 Jul 1999 12:34:21 -0400

From: "Larry Przyborowski" <lprzyski@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44212] Re: Collapsible antenna poles?
Message-ID: <000a01bec571$e8534460$7894accf@k3peg>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> For those of you interested in a collapsible pole...

If there's a Lowes home center near you, they sell a collapsible
mast abt 30 feet high, extended. It costs $39.97.

 It's made of three sections of steel tubing with guy rings on it too...
 Weight is less than 20 lbs (est.).

Manufacturer is Channel Master - model 1830; Lowes Item number is 56273.

72/3 de Larry K3PEG -.-

Date: Sat, 3 Jul 1999 10:02:04 -0700
From: "Andy Fox" <foxes@theriver.com>
To: "Discussion, Low Power Amateur Radio" <qrp-l@Lehigh.EDU>
Subject: [44213] DK3 for Fixed Station
Message-ID: <015301bec575$c738da70$5d60a4d0@piglet>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,

I'm interested in using my DK3 ("screwdriver") antenna at my house. Does
anyone have advice on things to try or things to avoid?

My guess is that I should put some metal under it to simulate vehicle
mounting. I had thought of using a screen made of chicken wire or 1/2"
mesh, and _not_ grounding it (since cars typically are insulated from the
road surface).

I have searched the archives for 1998 and 1999, and cannot find any

references.

Just resumed regular QRP-L messages after suspending for six months or so. Work schedule finally allows me some time. I'm looking forward to Ft. Tuthill in a few weeks. Hope to see many of you there!

72 de Andy, KK7HV

Date: Sat, 3 Jul 1999 13:18:31 -0400
From: "Hugo Catta" <h.catta@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44214] Test... don't read
Message-ID: <005c01bec578$137c1940$82104f0c@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Test .... don t read

Date: Sat, 3 Jul 1999 11:50:52 EDT
From: "Jeffrey L. L. Greer" <wd4et@juno.com>
To: wong_th@eng.printronix.com
Cc: qrp-l@Lehigh.EDU
Subject: [44215] Re: K2 Backlog
Message-ID: <19990703.132306.4390.1.wd4et@juno.com>

Hi Tedd,

I signed the priority list for a K2 at the 1998 FDIM in Dayton. I believe I was 161 or so on the list. I mailed in my payment back in mid February. My K2 serial number 155 arrived early this week.

I understand that all priority K2s will be shipped by the end of next week and "post priority" orders will be begin shipping. Elecraft was still taking orders for the first production run at Dayton. Therefore, I'm sure you made it in the first run.

It will be worth the wait!

Hope this helps, Jeff WD4ET, K2 number 155 under construction

_____
Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: http://dl.www.juno.com/dynoget/tagj.

Date: Sat, 03 Jul 1999 10:42:04 -0700
From: Rod Davis <rdavis@abac.com>
To: QRP L <qrp-l@lehigh.EDU>
Subject: [44216] HB RX example
Message-ID: <377E4B6C.F692F835@abac.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Encouraged by the recent "just publish it" chat, I decided to share
the details of a homebrew receiver project.

The design goals for this RX were:
1. High IP3
2. Low noise
3. Steep filter skirts
4. Low phase noise LO
5. Low distortion products in all stages, including audio

I decided to use only one IF bandwidth - I was just not convinced that
I could electronically switch xtal filters and still maintain 100+ db
isolation around the filter. In the next project I will tackle that
design goal.

In it's limited scope, the receiver sounds better to me than any
commercial rig I have heard. It is amazingly quiet and distortion
free.

The high IF selectivity and the low phase noise LO combine to produce
a very pleasant effect - when a signal starts to fall off the filter
slope, it just disappears. I mean - gone-. It is a bit eerie at first,
until one gets used to it; it is as if the station stopped transmitting,

even though it is just a 100 or so Hz out of the passband. Also, as
W7ZOI states, one can really hear poor transmitter artifacts, such
as clicks, etc. with such a receiver.

The product detector is really exceptional, thanks to Ulrich Rhode.
I encourage you all to give it a try. I am also delighted with
the front-end mixer circuit he (casually!) offered.

My profound thanks to W7ZOI for his excellent articles, ideas, and
software. Thanks also go to Jacob Makhinson N6NWP for introducing us
to Norton feedback amplifiers, another winning circuit.

Well, a fairly dry technical overview follows - I hope you can get some
useful ideas from any of this. Good luck, and good homebrewing.

de KM6SN

Contest Spotting Receiver Overview

The receiver architecture is a single conversion receiver with a 2 Mhz
IF, product dector, and AGC. It is amazingly quiet, due largely to:
(1) the high dynamic range of each module, and (2) at 2 Mhz it seems
to me to be easier to build narrow filters that do not "ring", and
(3) an unusual product dector, and (4) very quiet audio amplifiers.
It has an Minimum Detectable Signal (MDS) of .15 uv, without an
RF amplifier, and it has excellent dynamic range.

The individual modules are:

Mixer: 2x 2N5179, input TOI +39 db, ref 1.

Diplexer, post mixer amplifier: Mot MRF586 using Norton amplifier
    configuration, ref 2.

L.O.: 3 instances of K7HFD configuration, ref 3.

10 pole 350 hz bw crystal filter, ref 4.

IF amp: 2x Mot MC1350P, 120 db AGC range, ref 5.

Post IF filter: 3 pole crystal filter, ref 4.

Product dector: 4066 CMOS analog switch, ref 6.
   quoted as having 25 db more dynamic range, and
   snr of 20 db better than standard designs.

BFO: analog varactor tuned at 2x IF frequency. Level
   shifted to digital, and divided by two using 74HC74.

AF preamp: TL074

AF power amp: Phillips TDA1013B, DC volume control, ref 7.

References:

1. U. Rhode, QST June 94

2. J. Makhinson, QST Feb 93

3. Solid State Design, W7ZOI/ARRL, K7HFD design, page 126

4. Radio Frequency Design, W7ZOI/ARRL, W7ZOI ladder filter software

5. Motorola Analog/Interface ICs, Volume II

6. U. Rhode, QST Nov 92, page 53

7. Phillips component data, TDA1013B

Rod Davis, Feb 1997

Date: Sat, 3 Jul 1999 11:03:31 -0700
From: Wayne Burdick <n6kr@elecraft.com>
To: wd4et@juno.com
Cc: elecraft@qth.net, qrp-l@lehigh.edu
Subject: [44217] Re: "K2 Century 2K" Award
Message-ID: <v03102807b3a3ff95d4a2@[206.169.228.90]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Jeff,

Great idea (but I may be biased; check with local authorities). If you do initiate such an award, we'll post a blurb about it on the Elecraft web site.

I can see yet another T-shirt coming ;)

73,
Wayne

N6KR

* * * *

To: qrp-l@Lehigh.EDU
Date: Sat, 3 Jul 1999 11:26:59 EDT
Subject: "K2 Century 2K" Award
Message-ID: <19990703.112702.4390.0.wd4et@juno.com>
X-Mailer: Juno 1.49
X-Juno-Line-Breaks: 1-2,6-10
From: "Jeffrey L. L. Greer" <wd4et@juno.com>
Return-Path: <owner-qrp-l@fidoii.cc.Lehigh.EDU>
X-Orcpt: rfc822;qrp-l@fidoii.CC.lehigh.EDU

I would like to propose a "K2 Century 2K" Award. It would commemorate the 2K century and the K2 radio.

To qualify, you would have to work 100 K2s before the end of the year 2000. I volunteer to produce the certificates. I have some ideas in mind though I'm not much of an artist. I intend to enlist the assistance of my number 2 son for this task. Any suggestions would also be appreciated.

Is there any interest in this award?

72, Jeff WD4ET, K2 #155 under construction

Date: Sat, 03 Jul 1999 19:42:30 GMT
From: Ed Lawson <elawson@lr.net>
To: qrp-l@lehigh.edu
Subject: [44218] ZM-2 Questions
Message-ID: <19990703.19423000@work1.grizzy.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Today I finally got to building my ZM-2 Tuner.
Seems to work OK, but I noticed on some bands the LED cannot be
extinguished all the way. In other words, it dims, but does not=20
go out. Does this indicate a worse match than when the LED goes out?

Second. If I put an SWR meter in, it shows a very low SWR after=20
tuning

so long as the switch is in tune. Once i switch to operate, the
SWR shown by the meter goes way up. Is this normal? Makes no sense=20
to me
unless I should not be using the SWR meter. I also noticed I cannot=20
tune
to a low SWR relying upon the meter.

I am perplexed. Counting on the ZM-2 as main in the field tuner, but
now I wonder.

Ed Lawson
K1VP
elawson@lr.net

Date: Sat, 03 Jul 1999 14:51:22 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: wd4et@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44219] Re: K2 Backlog
Message-ID: <377E5BAA.6BD0@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jeff, and gang,

I don't want to crap on your parade, but why must we look/listen to all
your WElecraft miseries? Elecraft, regardless of their technical
capabilities, may be running into what every company runs into when they
first introduce a new product, delivery delays. Maybe they aren't, too,
but the place for your messages is NOT this list, it's DIRECT EMAIL to
Elecraft to verify your order status.

I wonder if your interest is in actual delivery or in telling teh rest
of the workd how anxious you are? In either case, take it private.

73

Date: Sat, 3 Jul 1999 14:50:55 -0700
From: "Gary McCaughey" <MAIL4GARY@worldnet.att.net>
To: <QRP-L@lehigh.edu>
Subject: [44220] Worked "The Tuna Tin" Award
Message-ID: <006201bec59e$23b32440$97970a3f@garymcca>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Gang,

Got a "Worked the Tuna Tin 2 Revival" certificate today. Really a nice touch.

Thanks ED.

Gary
W2UX
Lexington, SC

CW is the REAL THING, USE IT or LOSE IT!

Date: Sat, 3 Jul 1999 15:03:49 -0400 (EDT)
From: James Skalski <jskalski@localnet.com>
To: Gary McCaughey <MAIL4GARY@worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44221] Re: Worked "The Tuna Tin" Award
Message-ID:
<Pine.LNX.4.04.9907031502160.1832-100000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I got my "certificate" yesterday. I hope to make the contact with my original tuna tin that I mad when the article came out. I have to finish my chores first.

73,

Jim n2go

Date: Sat, 3 Jul 1999 15:52:26 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [44222] IC-706 Current Draw
Message-ID: <Pine.3.89.9907031557.A6550-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I don't recall anyone having posted what the 706 will do to a battery, so
I ran some tests with mine this afternoon:

```
Receive       Backlight HI  1.48a
         Backlight LO  1.28a
         Backlight OFF 1.07a

Transmit Backlight HI  5.15a         (4W RF out)
         Backlight OFF 4.90a
```

So the current saving on receive is appreciable by turning off the
backlight, about 30%. On transmit, not much savings in comparison to the
very high current draw.

Oh, when the fan comes on high speed in receive, the current rises by
about 100ma.

```
       73,
                     ,'' '',
     Bob Patten, N4BP              ( 0 0 )               Plantation, FL
_____________________________oOOo-(_)-oOO_____________________________________
```


E-Mail: n4bp@bc.seflin.org
Web Page: http://wg104a.wh.uni-stuttgart.de/~n4bp
Brass Pounder BBS: (954) 472-7715

Date: Sun, 04 Jul 1999 05:23:18 +500
From: Terry Bendell <terryb@bmts.com>
To: <qrp-l@Lehigh.EDU>
Subject: [44223] Re: K2 Backlog
Message-ID: <199907032130.RAA08162@Alice.BMTS.Com>
MIME-Version: 1.0

On 1999-07-03 w6toy@erols.com said:

>Jeff, and gang,
>I don't want to crap on your parade, but why must we look/listen to
>all your WElecraft miseries? Elecraft, regardless of their

Really? If Elecraft is using this reflector to promote it's
rig and others are using it to endorse Elecraft I find it completely
within my "Need to Know" especially since qrp craftsman are very rare
and most of us have a vested interest in providing positive feedback
to them. Try getting Yaesu or Kenwood to listen to your comments
or concerns in a public forum. Don't worry about crapping on the
Parade, we just FLUSH and it's gone...

73

Date: Sat, 03 Jul 1999 08:10:01 -0700
From: "Russ Carpenter" <russ@natworld.com>
To: "QRP-L List" <qrp-l@lehigh.edu>
Subject: [44224] Reminder of the SPARTAN SPRINT ON MONDAY
Message-ID: <199907032151.OAA02735@guppy.pond.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

The July Spartan Sprint will be held on July 5 (which is our standard
date--the first Monday of the month). You may operate on any one or more of
five bands--80, 40, 20, 15, and 10 meters. Don't worry if your station is a
bit obese. We commend the winners in two categories--points (the Tubby
Division), and points per pound (the Skinny Division).

If you are a newcomer to the Sprints, take a look at the introductory
material at the end of this post.

1. Start at 9:00 PM EDT, 8:00 CDT, 7:00 MDT and 6:00 PDT. Finish at 11:00 PM
EDT, 10:00 CDT, 9:00 MDT and 8:00 PDT. In terms of UTC, start at 0100 and
finish at 0300.

2. The frequencies will be 3060+- kHz, 7040 kHz+-, 14060 kHz+-, 21060 kHz+-,
and 28060 kHz+-. (You may operate any number of bands--your choice.)

3. Exchange RST, SPC (state, province or country) and power output.

4. If you choose to call CQ, use the format "CQ SP," or "CQ QRP TEST."

5. You can take credit for working the same station on a second, third, or fourth band.

After the contest, we invite you to use our autolog, which is part of the ARS Sojourner. Just go to www.natworld.com/ars and follow the link for "Direct access to autologs". Or you can speed things up by going directly to the Spartan Sprint autolog page at www.natworld.com/ars/ss_log.html.

If you don't have access to the web, send Russ Carpenter, AA7QU, an e-mail with your total QSOs and the total weight of your station (i.e., the combined weight of all transmitters, receivers, keys, keyers and batteries used during the Sprint). You may also include your comments from the soapbox. Russ' email address is russ@natworld.com.

We publish results for each Spartan Sprint on the Thursday following the Sprint. This may be the world's quickest contest reporting! Please send us your log as soon as possible, but in no event later than Wednesday afternoon.

****

The Spartan Sprint is based on a simple but stimulating concept. We are encouraging all of you to cobble together the kind of station you'd use in a portable environment--lightweight transceiver, keyer, key, and battery. Then put that turkey on the air, and participate in a two hour sprint.

All operators are invited to play, whether or not they are members of Adventure Radio Society. Even if you don't have lightweight equipment, your participation will be rewarding, both for you and the other participants. We'll report the score in two different formats--absolute scores, and points per pound of station weight. So you can get your kicks from running up a magnificent score, or achieving an remarkable ratio of points per pound.

If you're thinking about becoming a member of Adventure Radio Society, just send Richard Fisher (our membership chairman) an e-mail expressing your interest. Richard's e-mail address is KI6SN@aol.com. Membership is free, and the organization has a great group of men and women who combine their love of ham radio with their affection for the outdoors. You don't need to be a macho person; ARS welcomes people of all ages and levels of ability.

Russ Carpenter, AA7QU, Contest Manager

russ@natworld.com

Date: Sat, 3 Jul 1999 18:37:23 -0400 (EDT)
From: James Skalski <jskalski@localnet.com>
To: Terry Bendell <terryb@bmts.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44225] Re: K2 Backlog
Message-ID:
<Pine.LNX.4.04.9907031830530.1832-100000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> On 1999-07-03 a w6 said:
>   >Jeff, and gang,

>   >I want to crap on your parade and everyone else's ....

This isn't what they said...but is probably closer to what they mean :-)

If your posting is ever out of line; the owners of the list tell you.

                        Jim n2go

End of QRP-L Digest 1507
****